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(19) **United States**(12) **Patent Application Publication** (10) **Pub. No.: US 2006/0105742 A1****Kim et al.**(43) **Pub. Date: May 18, 2006**(54) **METHOD FOR ISSUING INSTANT MOBILE CARD USING WIRELESS NETWORK AND ACCOUNTING IT USING SHORT DISTANCE COMMUNICATION****Publication Classification**(51) **Int. Cl.**
H04M 1/66 (2006.01)(52) **U.S. Cl.** **455/411**(76) **Inventors:** **Yun Kyung Kim**, Seoul (KR); **Young Ye Heo**, Seoul (KR)(57) **ABSTRACT**

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The invention relates to a method of issuing an instant mobile card using a wireless network and processing a payment using short-range communication and a computer-readable recording medium for storing a program for executing the method. In the instant mobile card issuing method, an instant mobile card issuing request is received from the mobile terminal, the user is authenticated by using a secret number and a phone number of the mobile terminal as an authentication key value, and an instant mobile card number is transmitted to the mobile terminal. Further, in the instant mobile card payment processing method using short-range communication, the instant mobile card number and payment information are received from a card reader terminal, a payment is processed with a physical card number mapped to the instant mobile card number, and approval is transmitted to the card reader terminal.

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